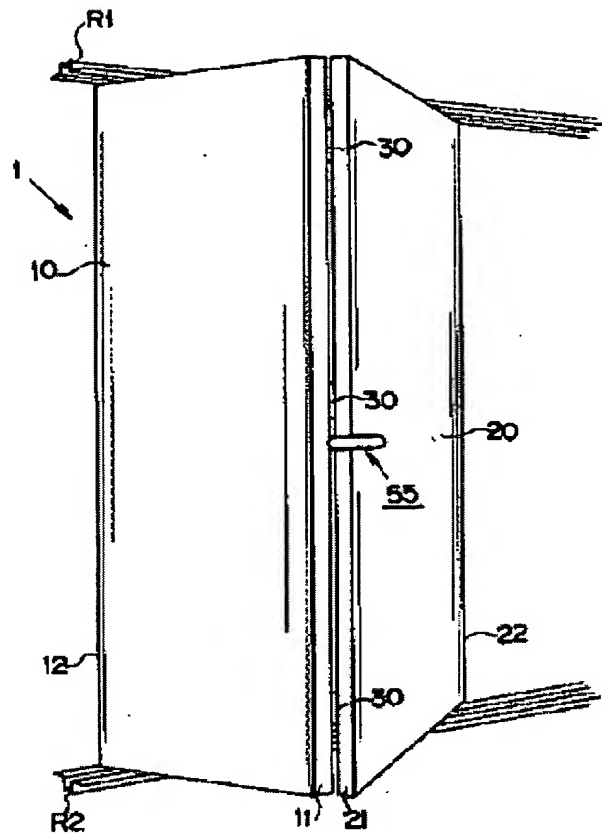


KNOB FOR FOLDING DOOR

Patent number: JP2003074221
Publication date: 2003-03-12
Inventor: HAYAKAWA IZUMI
Applicant: ATOM LIVIN TECH CO LTD
Classification:
- international: E05B1/00
- european:
Application number: JP20010264629 20010831
Priority number(s): JP20010264629 20010831

[Report a data error here](#)**Abstract of JP2003074221**

PROBLEM TO BE SOLVED: To provide a knob for a folding door securing an optimal force direction to the folding door, smoothly opening/closing the folding door at the minimum force, preventing a finger from being caught between the folding door and improving the external appearance of the attachment position of the knob for the folding door. **SOLUTION:** This knob 55 for the folding door is positioned outside a connecting part of the folding door 1, set horizontally to the folding door 1, and attached by approximately according the end part of the connecting part 100 with the end part 73 of an attachment seat 72 via the attachment seat 72. Therefore, a distance L1 becomes the maximum and a distance L2 becomes the minimum in opening/closing the folding door 1 so that the folding door 1 can be operated by exhibiting the maximum rotary moment by the minimum force. The direction of a thumb becomes horizontally to the other fingers except for the thumb by the knob part 60 and an overhang part 80, which saves the waste in transmitting the force from a human engineering viewpoint, and the fingers are separated from butt end surfaces 111 and 211 so as to be prevented from being caught. The length of a fixing part 70 and the overhang part 80 is approximately L/2 so that, when closing the folding door 1, the right/left of the knob member 56 become symmetrical about the connecting part 100 so as to improve the external appearance of the folding door 1.



Data supplied from the esp@cenet database - Worldwide